Title: Process to Graphically Display Travel Information on a Map in Electronic Form
Inventor(s): Terrell B. Jones et al.
Application No: To be assigned
Atty Dkt No: 043474/258903

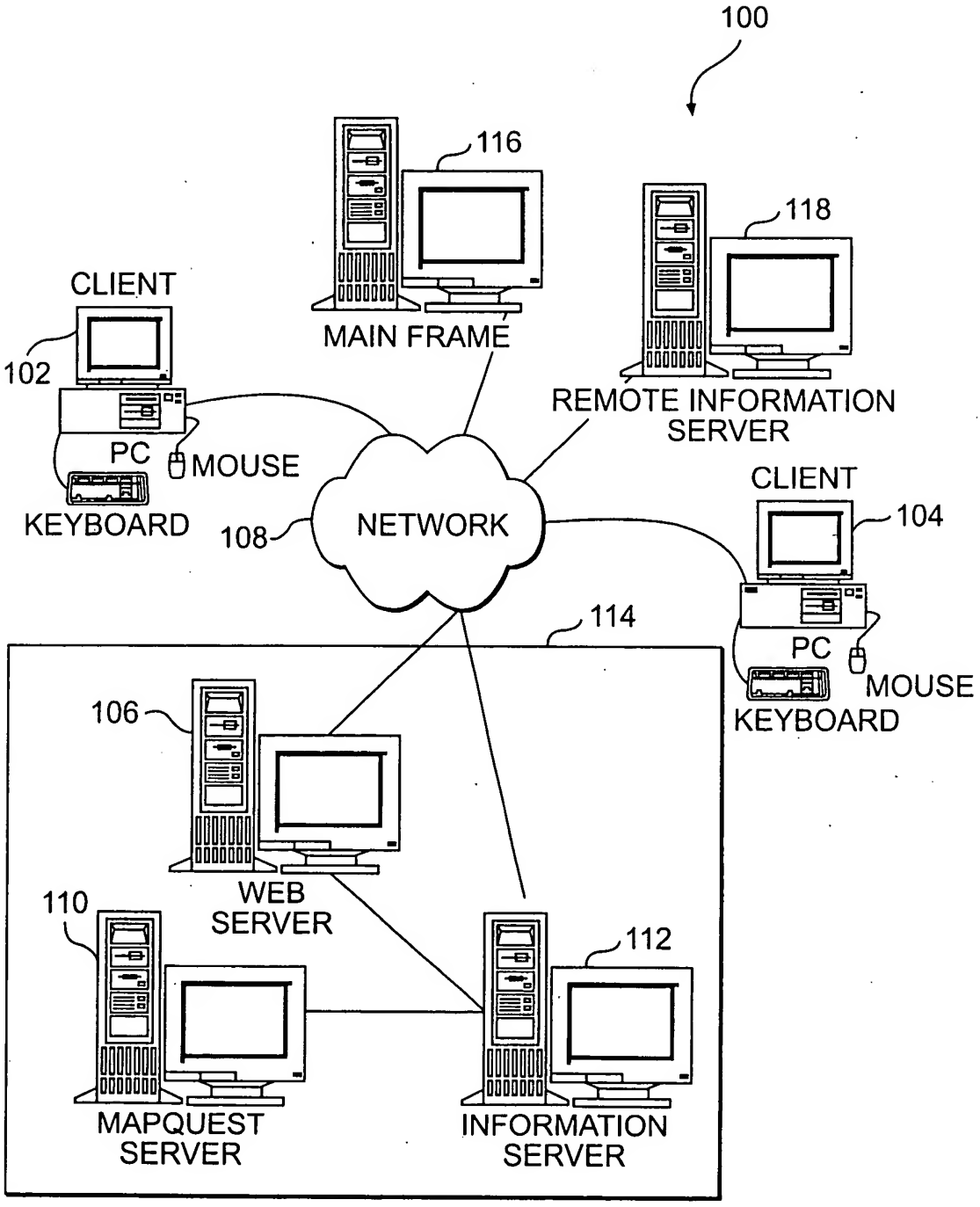


FIG. 1

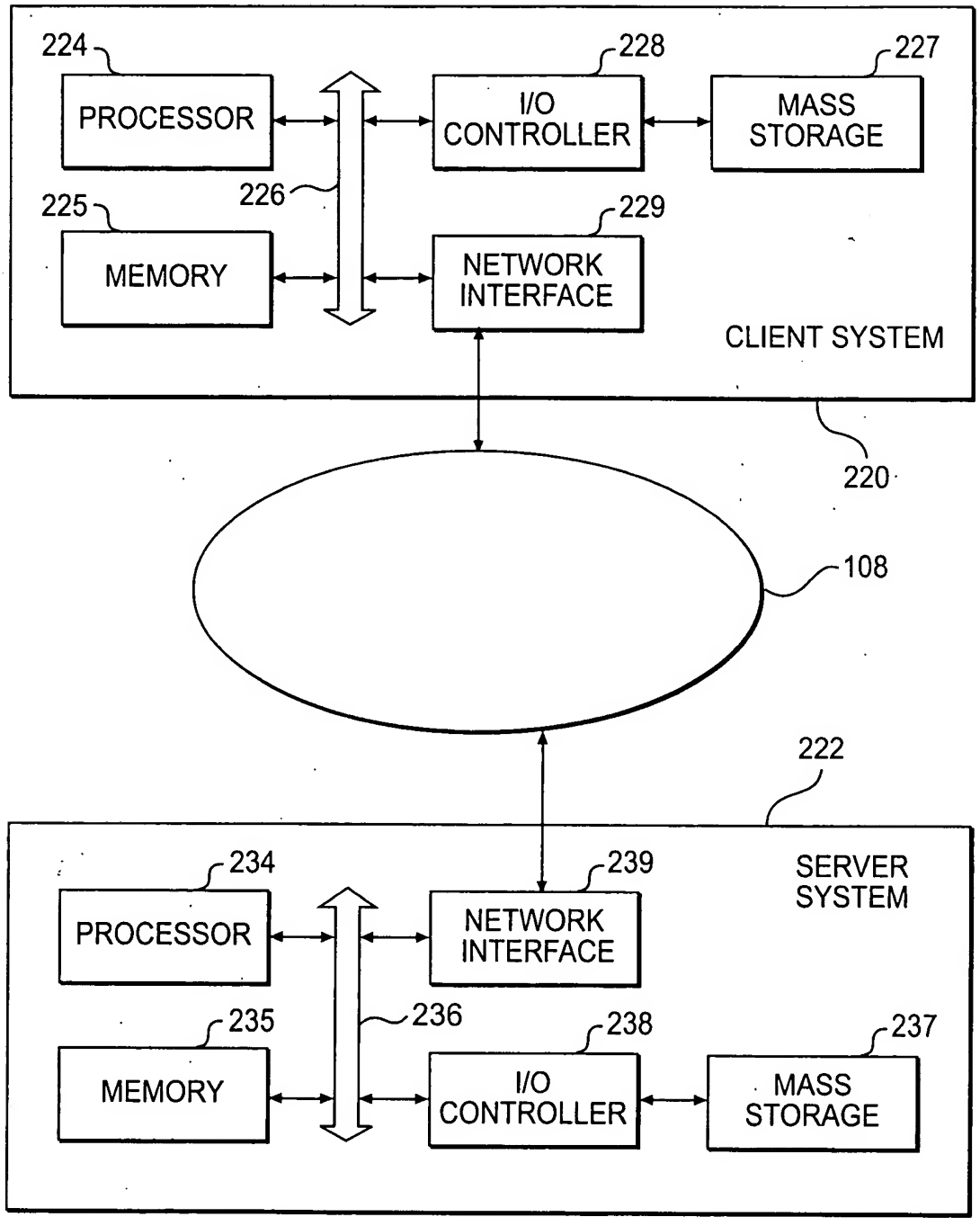

224
PROCESSOR
228
I/O CONTROLLER
227
MASS STORAGE
226
225
MEMORY
229
NETWORK INTERFACE
CLIENT SYSTEM
220
108
222
234
PROCESSOR
239
NETWORK INTERFACE
SERVER SYSTEM
235
MEMORY
236
238
I/O CONTROLLER
237
MASS STORAGE

FIG. 2

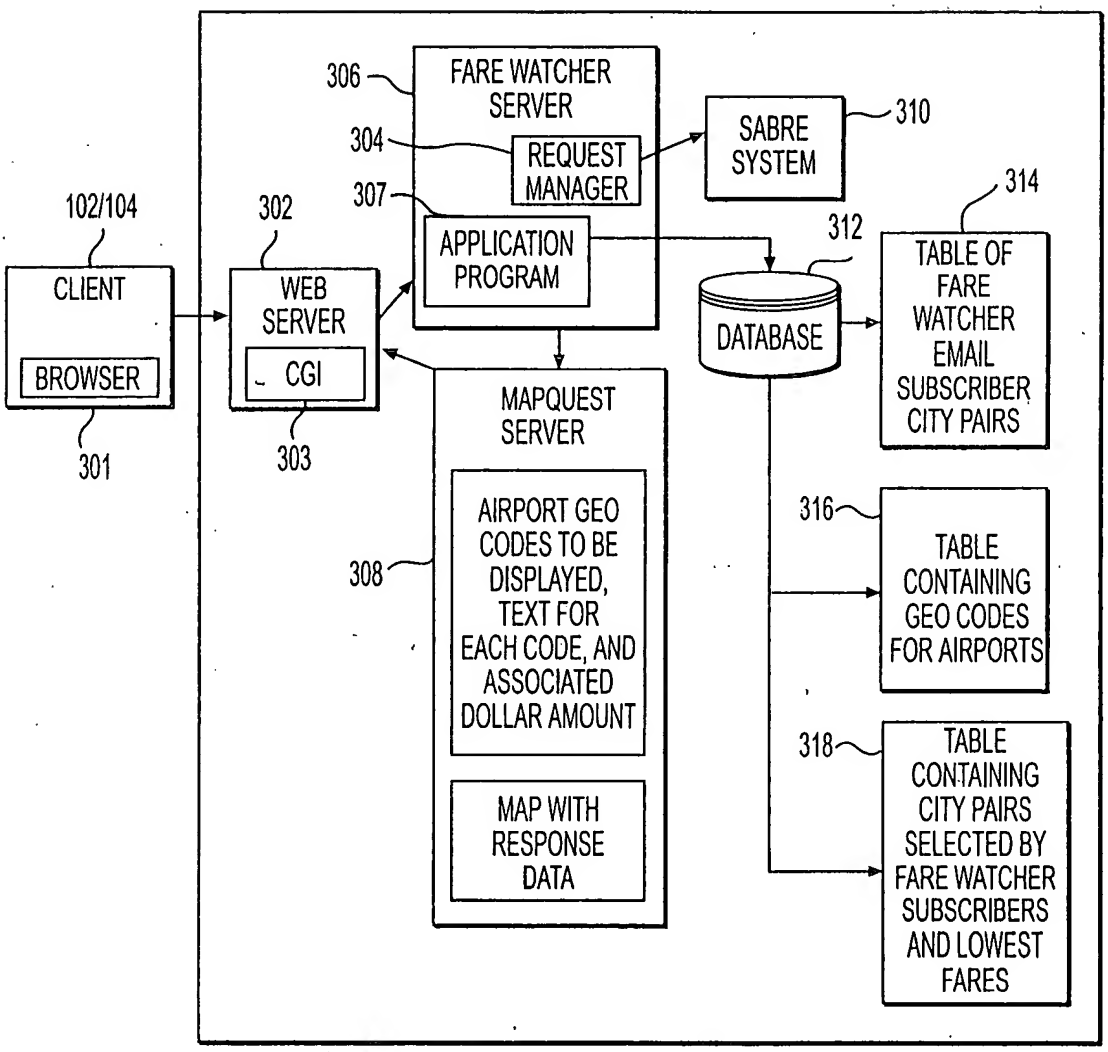

306
FARE WATCHER SERVER
304
REQUEST MANAGER
307
APPLICATION PROGRAM
SABRE SYSTEM
310
312
DATABASE
314
TABLE OF FARE WATCHER EMAIL SUBSCRIBER CITY PAIRS
102/104
CLIENT
BROWSER
301
302
WEB SERVER
CGI
303
MAPQUEST SERVER
AIRPORT GEO CODES TO BE DISPLAYED, TEXT FOR EACH CODE, AND ASSOCIATED DOLLAR AMOUNT
308
MAP WITH RESPONSE DATA
316
TABLE CONTAINING GEO CODES FOR AIRPORTS
318
TABLE CONTAINING CITY PAIRS SELECTED BY FARE WATCHER SUBSCRIBERS AND LOWEST FARES

FIG. 3

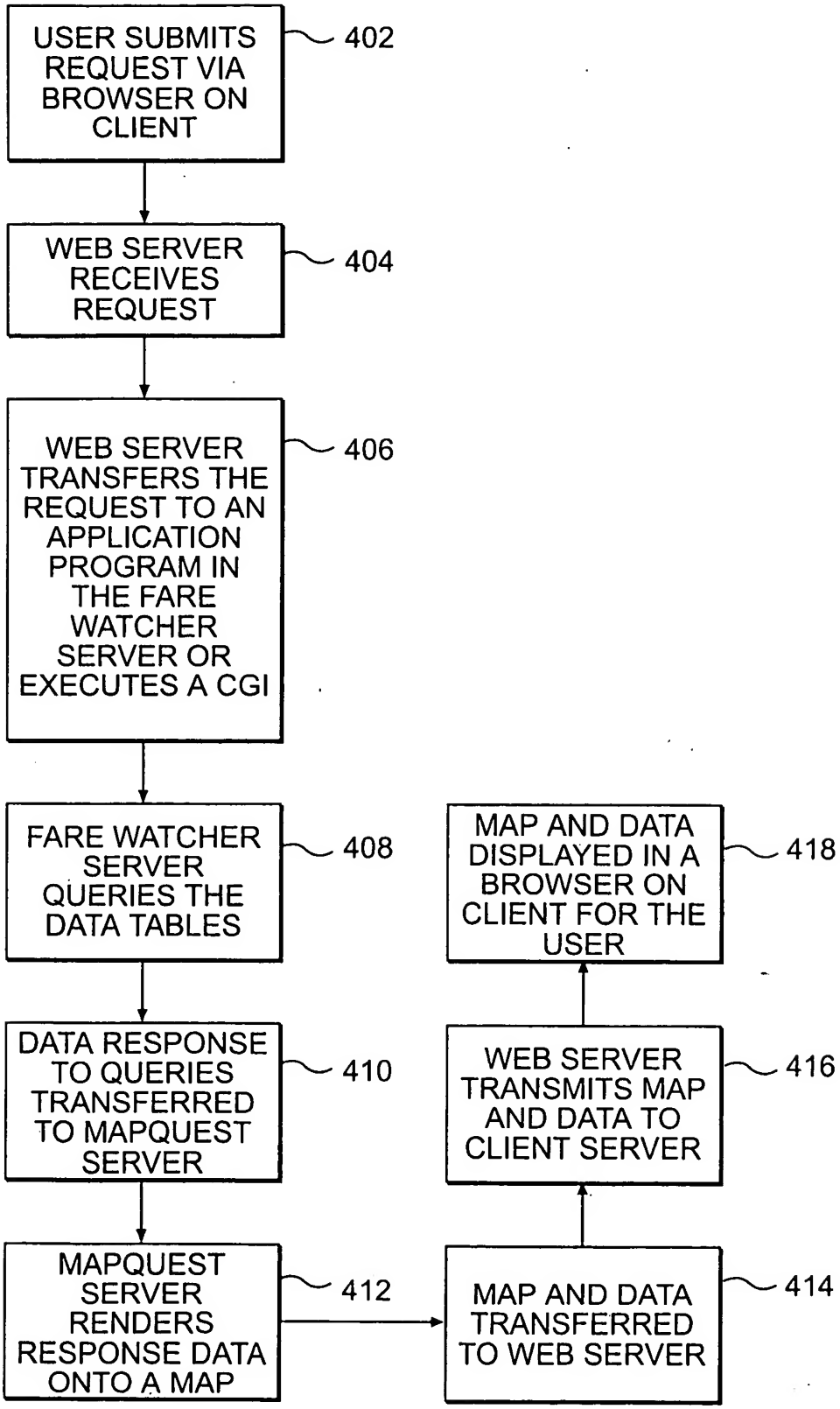
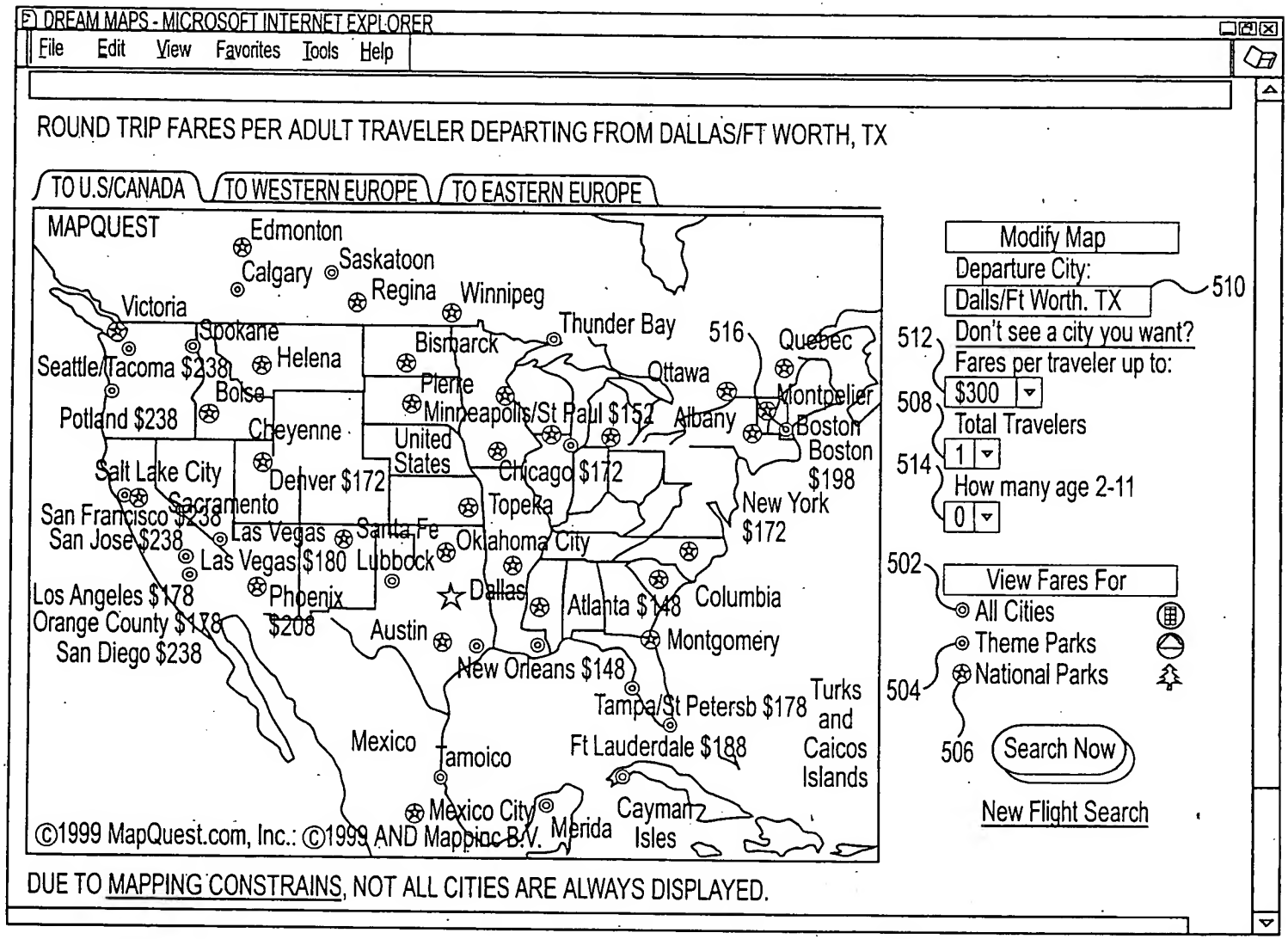

USER SUBMITS REQUEST VIA BROWSER ON CLIENT
402
WEB SERVER RECEIVES REQUEST
404
WEB SERVER TRANSFERS THE REQUEST TO AN APPLICATION PROGRAM IN THE FARE WATCHER SERVER OR EXECUTES A CGI
406
FARE WATCHER SERVER QUERIES THE DATA TABLES
408
DATA RESPONSE TO QUERIES TRANSFERRED TO MAPQUEST SERVER
410
MAPQUEST SERVER RENDERS RESPONSE DATA ONTO A MAP
412
MAP AND DATA TRANSFERRED TO WEB SERVER
414
WEB SERVER TRANSMITS MAP AND DATA TO CLIENT SERVER
416
MAP AND DATA DISPLAYED IN A BROWSER ON CLIENT FOR THE USER
418

FIG. 4


DREAM MAPS - MICROSOFT INTERNET EXPLORER
File Edit View Favorites Tools Help
ROUND TRIP FARES PER ADULT TRAVELER DEPARTING FROM DALLAS/FT WORTH, TX
TO U.S/CANADA
TO WESTERN EUROPE
TO EASTERN EUROPE
MAPQUEST
Edmonton
Calgary
Saskatoon
Regina
Winnipeg
Victoria
Spokane
Thunder Bay
Bismarck
Helena
Seattle/Tacoma $238
Ottawa
Quebec
Pierre
Bolse
Minneapolis/St Paul $152
Albany
Montpelier
Potland $238
Cheyenne
Boston
United States
Boston $198
Salt Lake City
Denver $172
Chicago $172
Sacramento
Topeka
New York $172
San Francisco $238
Las Vegas
Santa Fe
San Jose $238
Oklahoma City
Las Vegas $180
Lubbock
Los Angeles $178
Phoenix
Dallas
Atlanta $148
Columbia
Orange County $178
$208
Austin
Montgomery
San Diego $238
New Orleans $148
Tampa/St Petersb $178
Turks and Caicos Islands
Mexico
Tamoico
Ft Lauderdale $188
Mexico City
Cayman Isles
Merida
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DUE TO MAPPING CONSTRAINS, NOT ALL CITIES ARE ALWAYS DISPLAYED.
Modify Map
Departure City:
Dalls/Ft Worth. TX
510
512
Don't see a city you want?
Fares per traveler up to:
$300
508
Total Travelers
1
514
How many age 2-11
0
502
View Fares For
All Cities
Theme Parks
National Parks
504
506
Search Now
New Flight Search
500

FIG. 5